Phase-contrast micrograph of pericytes contracting a silicone rubber substrate

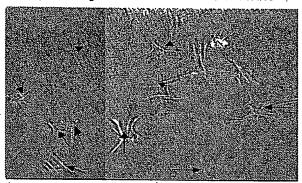
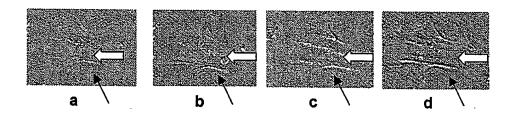
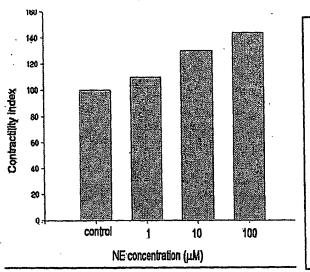


Figure 1

5



10 Figure 2



Does-dependent effect of norepinephrine on contraction of retinal pericytes. Norepinephrine intensified the number of silicone winkles in a contraction—dependent manner, including development of the contractile tone of the pericytes. Norepinephrine at concentrations greater  $10^6 \mathrm{M}$  caused contraction with maximal contractions recorded at  $10 \mathrm{M-4}$  norepinephrine. Norepinephrine included pericyte contraction of silicone substrate in a dose-dependent manner (EC  $_{50}$  =  $8\mu\mathrm{M}$ ).

Figure 3

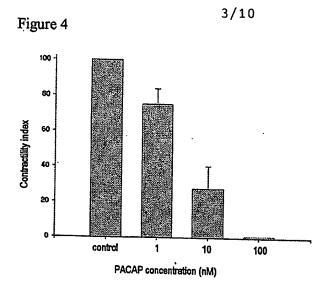


Figure 5

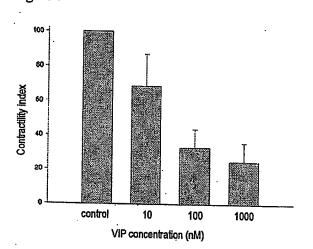


Figure 6

Toutsetlift index

Toutsetlift index

Control 10 30 100

Rp-cAMPS concentration (µM)

Figure 7

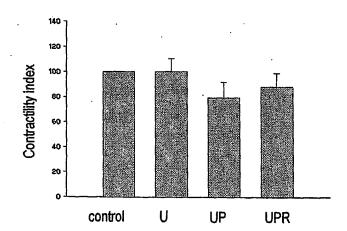


Figure 8

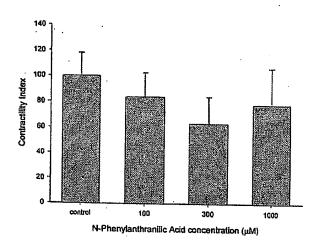


Figure 9

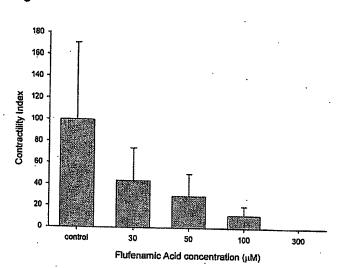


Figure 10

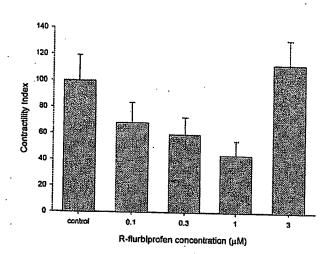


Figure 11

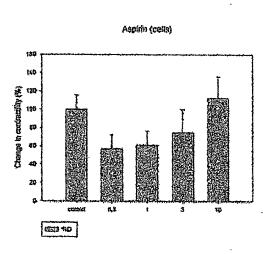


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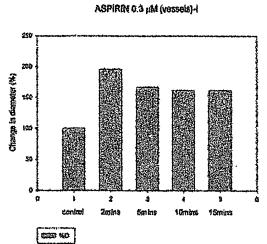


Figure 13

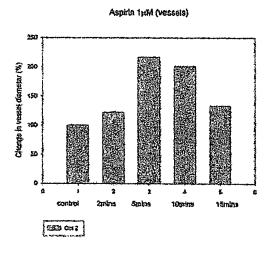


Figure 14

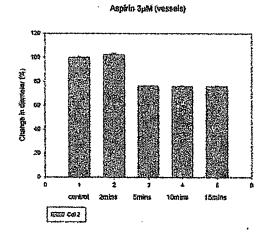


Figure 15

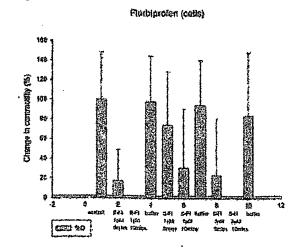


Figure 16

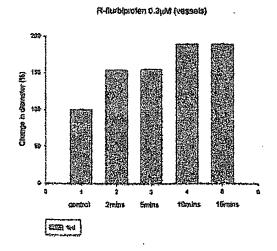


Figure 17

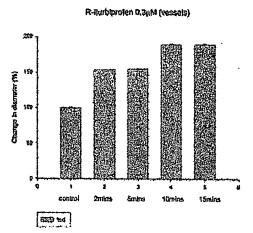


Figure 18

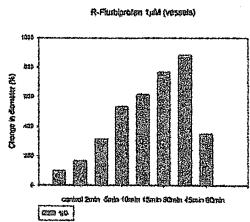


Figure 19

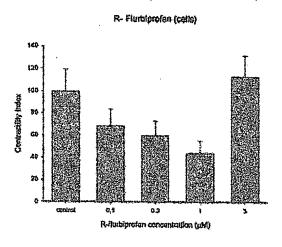


Figure 20 S-Flurb(profen 1µM (vessels)

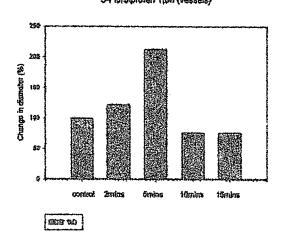


Figure 21

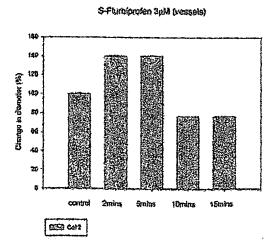
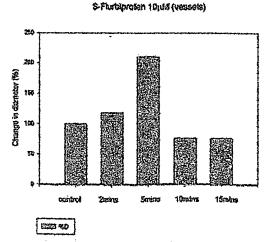
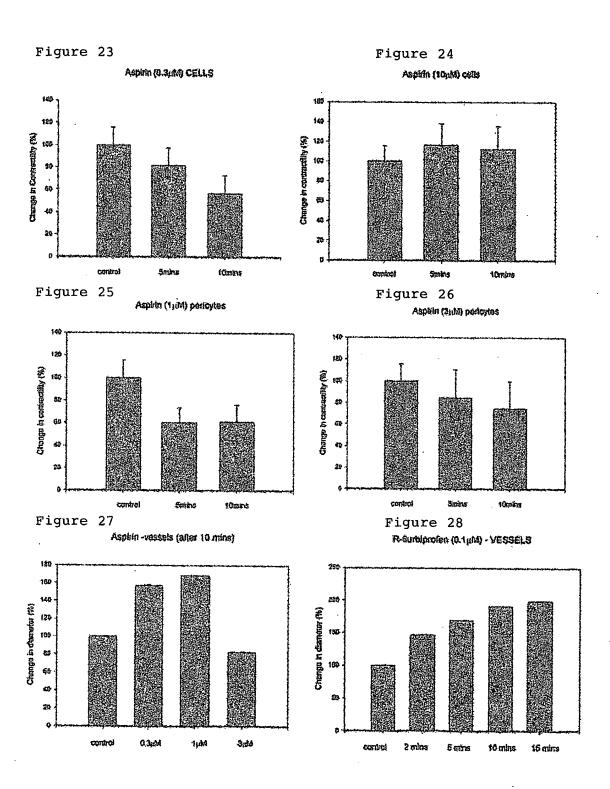


Figure 22





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